



# **AMPS Win32 Installation Manual**

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# Introduction

This manual describes the installation procedure for the AMPS Win32 applications. It describes the preliminary steps necessary before you install the software. It also describes the basic installation process.

Important: Please read through this entire manual before beginning the installation of the AMX software.

## ***Related Documentation***

- *AMPS Win32 Solutions Guide*. This document describes how to install and initially configure the various add-ons to the AMX basic software.
- *AMPS Win32 Diagnostic User Manual*. This document describes the software used to diagnose an AMPS connection.

## Installation File Descriptions

This section provides a description of the files that are available on the AMPS download site.

**amxdocs.zip:** This file contains documentation that may be useful to you in making full use of the AMPS software. You should place the file in a directory and then right-click on it to unzip the files. You will be asked to specify a directory to unzip the files into. You should specify the full pathname for the directory where you want the documentation to go and then select “Unzip”.

**AMXWin32-x.y.z.exe:** This is the main AMPS installation program. This installation program ensures that the proper programs are installed in the correct order. It also checks for dependencies to ensure that you are installing all the programs that are required. NOTE: The name of this file may include different numbers as release versions change.

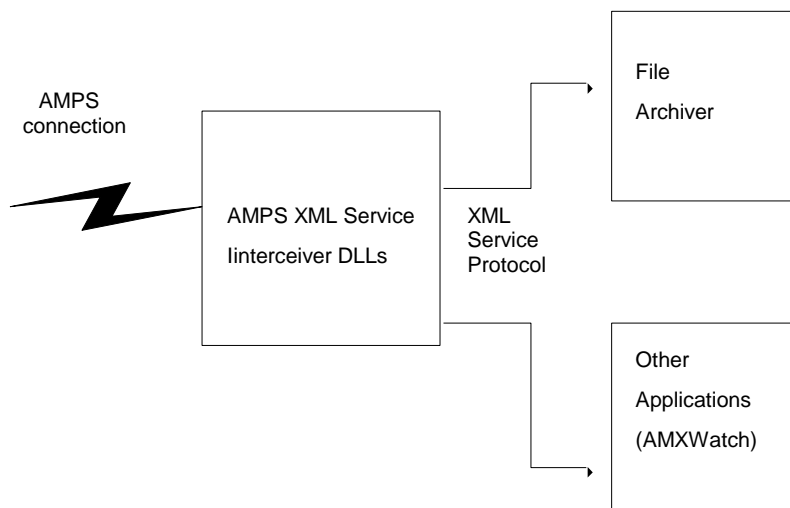
All installations of the AMPS software require the AMPS XML Service to be installed. The other modules are optional. Typically, you will want to have one or more of the other services installed as they provide functionality that is useful for integrating AMPS into your site.

These installation programs are described in more detail in the *AMPS Win32 Solutions Guide*, included in the **amxdocs.zip** file.

## Overview of AMPS Package

The *AMPS* software consists of:

- **AMPS Interceiver:** This is a set of Microsoft Windows DLLs that maintains a connection between your system and the AMPS server at the NewsEdge data center. This connection is used to transmit news and other information to your system.
- **AMPS XML Service:** This Win32 service uses the AMPS Interceiver to get news and information from the AMPS server. It then provides a generic interface whereby one or more external programs (applications or services) can receive and process the news.
- One or more applications that process the XML News stories and associated metadata files (RDF files). These are described in the *AMPS Win32 Solutions Guide*.



**Figure 1: Overview of AMX Components**

As shown in Figure 1, the AMPS XML Service receives news and information over the AMPS connection between the AMPS Interceiver and the AMPS server. One or more applications may then receive the information from the AMPS XML Service using the AMX Service protocol. These applications may be Win32 Services or normal Win32 applications. You may write these applications, or you may choose to use applications that are provided as a part of the AMPS software (as described in the *AMPS Win32 Solutions Guide*). The AMXWatch software and the File Archiver are examples of applications that could be connected to the AMPS XML Service. They are described in more detail in the *AMPS Win32 Solutions*

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*Guide.* The news is transmitted to the attached applications using the AMPS implementation of the NITF XML News DTD and the metadata RDF DTD.

## Pre-Installation Checklist

Before attempting to install the AMX software, you should do the following:

1. **Important: If you are running a previous version of AMX before beginning an installation of the AMPS software, please uninstall the earlier version of the AMX software.**
2. Ensure that the system on which you are going to install the AMPS software meets the following basic requirements:
  - A Microsoft Windows operating system that is currently supported by Microsoft. To verify supported versions of Windows, please visit <https://support.microsoft.com/>.
  - The Windows server should have a permanent connection to the Internet. You must be able to browse the Internet from the server using the account that you are going to use when you install the AMPS software. If you cannot browse the Internet, then it is extremely unlikely that AMPS will be able to make a connection to the AMPS Server. It is important that this is done before you install the AMPS software since certain configuration parameters are configured based on your browser settings.

Note: AMPS uses port 80 (HTTP) and port 443 (Secure Socket Layer or SSL port). These ports must be available through your firewall to enable AMPS. AMPS does support Auto-Proxy and various forms of proxy authentication.

3. Copy the AMPS installation programs to your Windows server hard drive.
4. You need to choose a directory where you will install the AMPS software (or you should allow the installation program to select the directory for you). The AMPS File Archiver stores XML data delivered by the AMPS XML Service into the file system. Stories are stored in a hierarchy of directories. The data subdirectories can consume a substantial amount of hard disk space, so choose a drive with several gigabytes of available space. We do **not** recommend that you use drive C: to contain the data directories.
5. Be sure that you have the login (user name), account number and password that were given to you as part of the AMPS installation package.
6. Be sure you are logged onto the Windows server using an account with 'administrator' privileges. This account must already be configured to browse the Internet and it *must* be a local administrator of the machine.

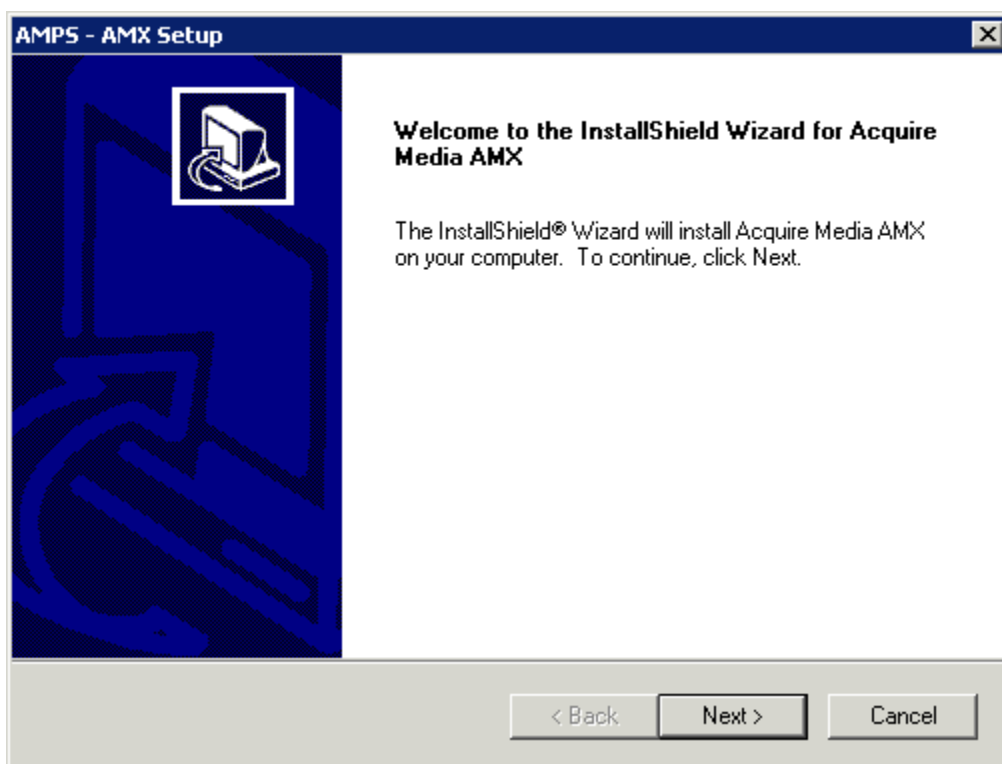
Note: AMPS uses the Internet connection information (including the proxy server settings) that is established in your default browser to generate the connection to the AMPS server.

7. In general, you shouldn't have other non-AMX applications running during an installation. Review the material in the rest of this document before installing the AMPS XML Service.



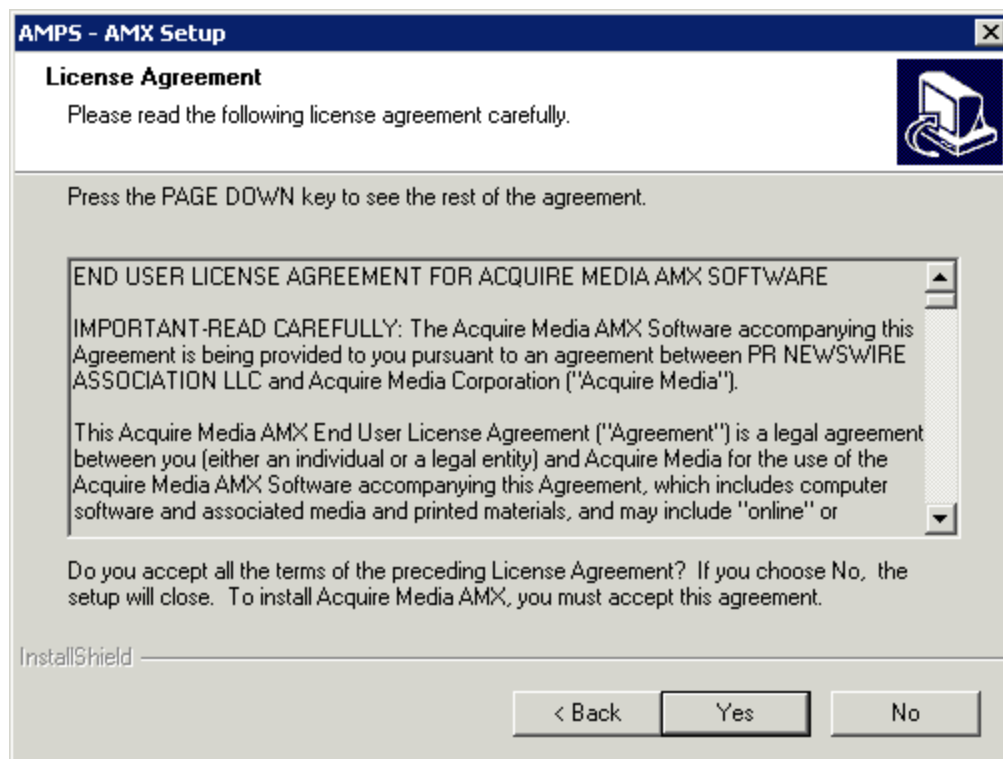
## Starting the Installation Program

You should have either an AMPS installation script that is specific to your information provider or the generic Moody's Analytics installation script. Each of the installation scripts is similar in action but provide a different set of installation default values. Start the installation as you would any Windows executable by double-clicking it. The AMPS installation will be like other Windows applications you will have installed. A dialog is presented, you enter the requested information and move on to the next part of the process by clicking the next button.

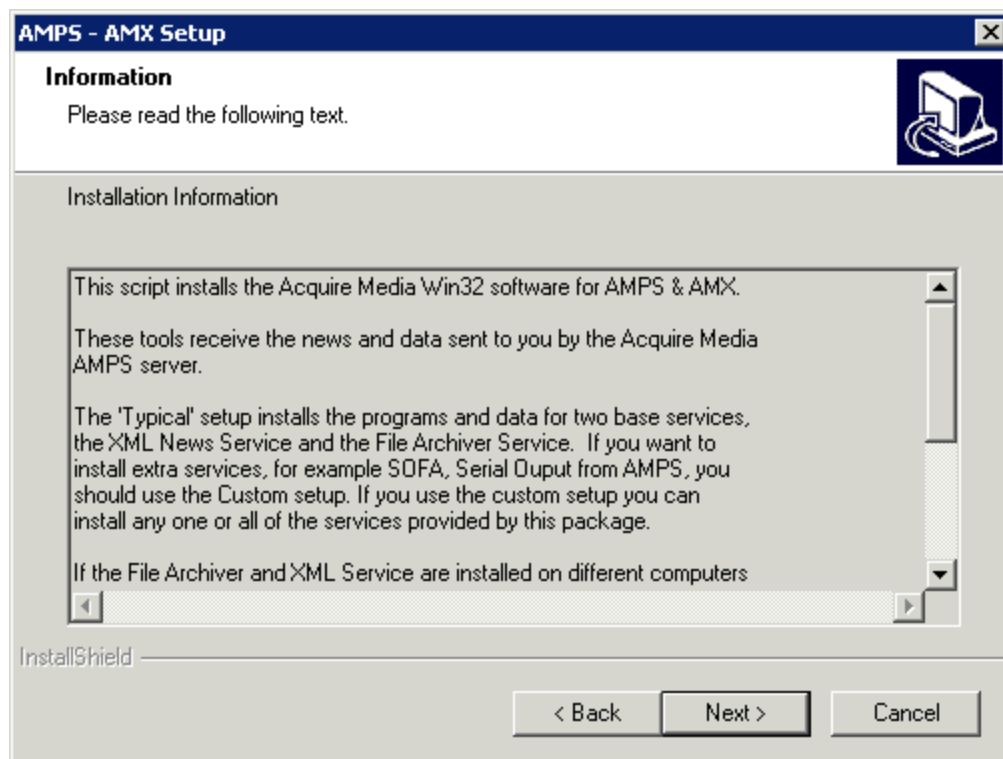


The first dialog is the standard installation Welcome message.

After being “welcomed”, you will be asked to accept the license agreement. This agreement may be specific to your information provider. Clicking the **Yes** button indicates your acceptance of our software license agreement or that you understand that you are bound by an agreement between Moody's Analytics and your information provider.

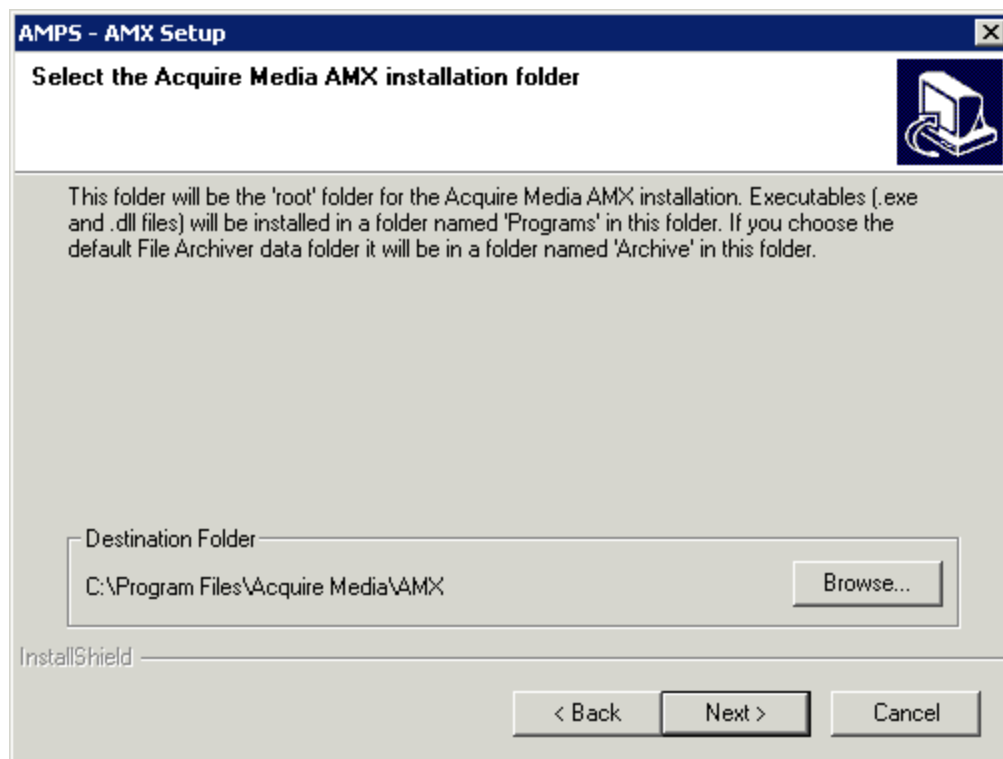


Next, the install script displays some useful information about performing the install. You may want to read this and make note of the information found there.



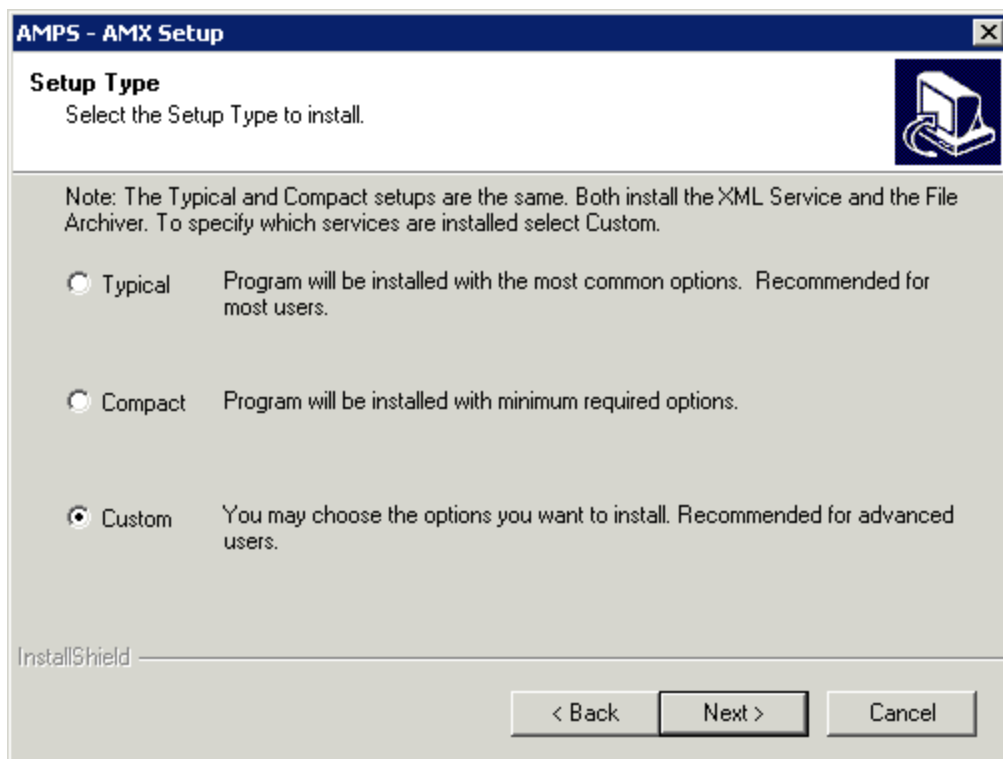
Before installing the software, the script needs to know the location on this machine's file system for storing the applications and other application data.

A dialog is presented that allows you to select this location. Accepting the default location installs the software in the system **c:\Program Files** folder, the standard location for Windows applications.



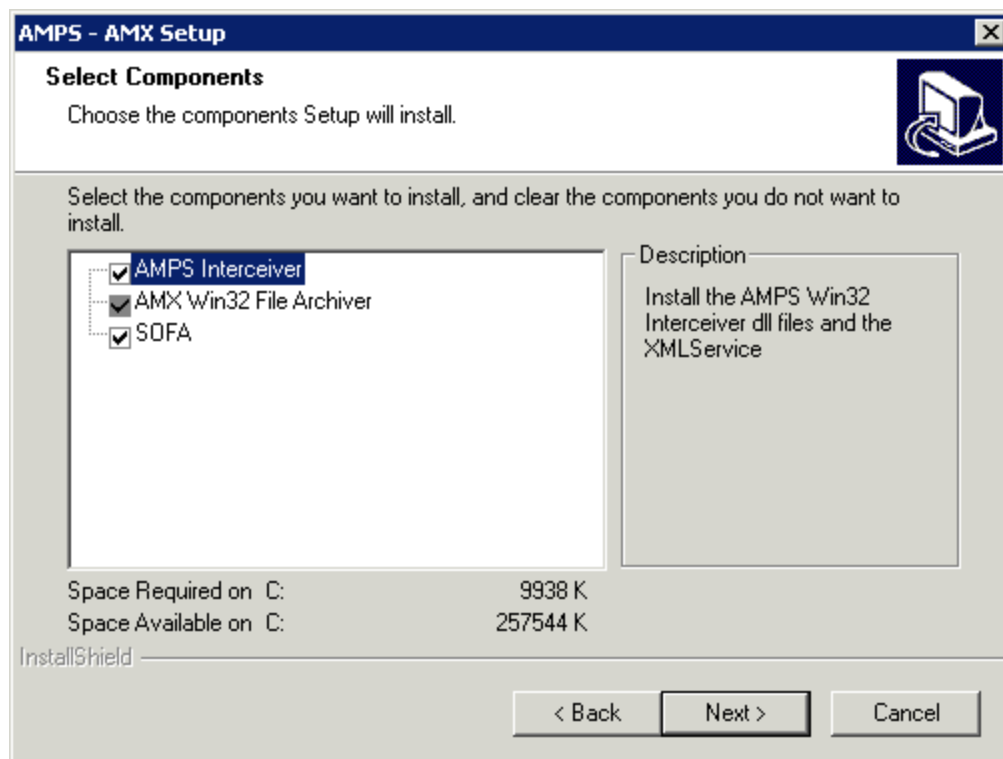
The next selection asks you to pick the type of installation.

NOTE: "Typical" and "Compact" installations are the *same*.



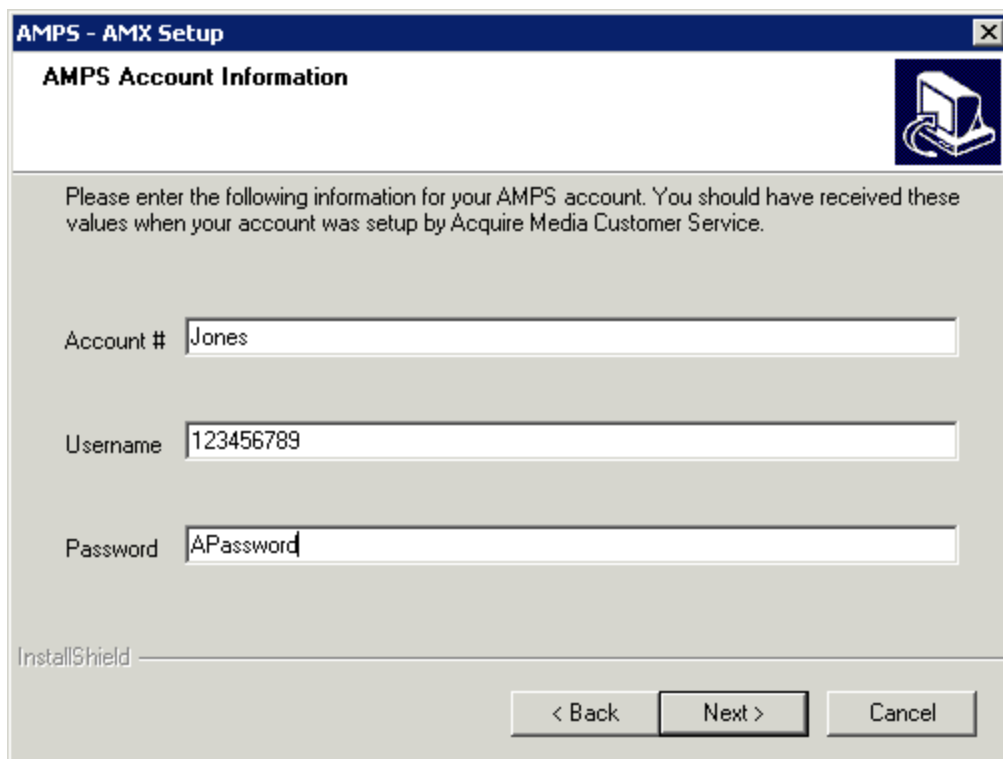
This document shows an install using the “Custom” option. The “Custom” install will be used by many end users but still illustrates the “Typical” installation. By selecting “Typical”, the two base services are installed, the AMPS XML Service and the AMPS File Archiver Service. The “Custom” installation lets you add the SOFA service (Serial Output from AMPS) to your installation. SOFA is used in situations where there is a need to deliver news stories to an external processing device (such as an editorial system) using a serial communication port.

The “Custom” installation can also be used to install the AMPS XML Service on one server and the File Archiver and/or SOFA on another server. This is a rare but sometimes useful installation option.



For this example, we select all the services. Each of the selected services will be installed on this machine.

Next, the install script collects your account information. You need to have the login or user name, your account or serial number, and your password. Remember both the username and the password are case-sensitive, so carefully enter them.



The screenshot shows the 'AMPS - AMX Setup' dialog box with the 'AMPS Account Information' tab selected. The dialog has a title bar with a close button. Below the title bar is a header area with the tab name and an icon of a computer with a circular arrow. The main area contains instructional text and three input fields. The 'Account #' field contains 'Jones', the 'Username' field contains '123456789', and the 'Password' field contains 'APassword'. At the bottom left is the 'InstallShield' logo. At the bottom right are three buttons: '< Back', 'Next >', and 'Cancel'.

**AMPS - AMX Setup**

**AMPS Account Information**

Please enter the following information for your AMPS account. You should have received these values when your account was setup by Acquire Media Customer Service.

Account #

Username

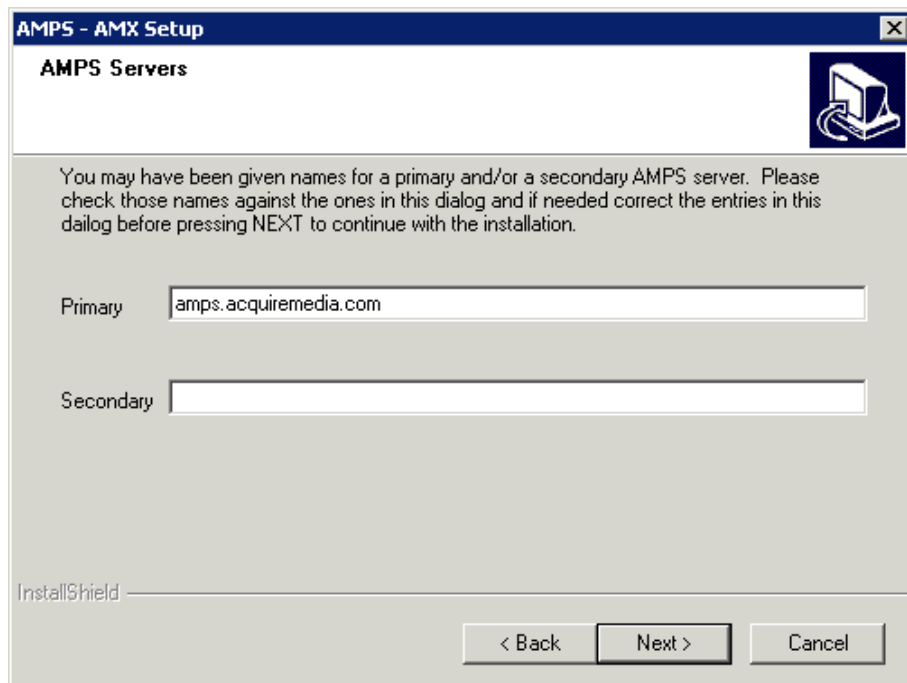
Password

InstallShield

< Back   Next >   Cancel

**(NOTE: The above example highlights a common mistake. The Username and Account number were confused by the installer. Please be sure to understand which values you are entering.)**

The AMPS software needs to know the name of the AMPS servers to which it will connect. Normally the



The screenshot shows the 'AMPS - AMX Setup' dialog box with the 'AMPS Servers' tab selected. The dialog has a title bar with a close button. Below the title bar is a header area with the tab name and an icon of a computer with a circular arrow. The main area contains instructional text and two input fields. The 'Primary' field contains 'amps.acquiremedia.com' and the 'Secondary' field is empty. At the bottom left is the 'InstallShield' logo. At the bottom right are three buttons: '< Back', 'Next >', and 'Cancel'.

**AMPS - AMX Setup**

**AMPS Servers**

You may have been given names for a primary and/or a secondary AMPS server. Please check those names against the ones in this dialog and if needed correct the entries in this dialog before pressing NEXT to continue with the installation.

Primary

Secondary

InstallShield

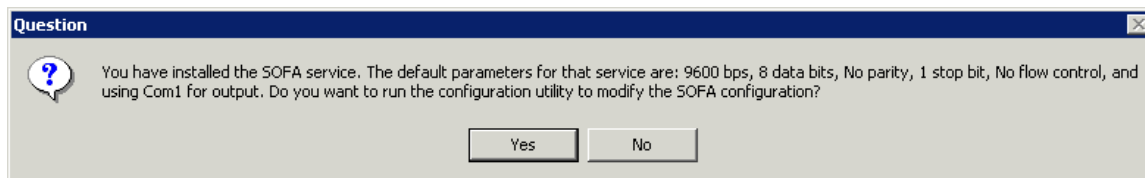
< Back   Next >   Cancel

install script should have the correct server names for your installation. However, if you were given

specific server names by NewsEdge Customer Support, please enter those names instead of the ones supplied by the install script.

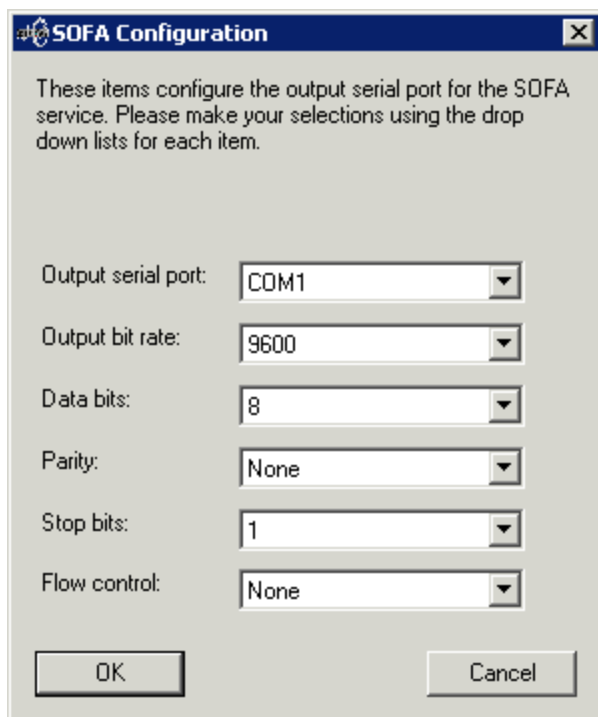
We selected to have the SOFA service installed. The script asks if you want to accept the default communications port parameters for the SOFA service or run the SOFA Configuration utility.

The standard parameters used by SOFA are: 8 data bits, no parity, 1 stop bit, no flow control, and using COM1 as the output port.



If you choose to run the SOFA configuration utility, you are shown a dialog and given the opportunity to change the setup of the serial communications port to be used.

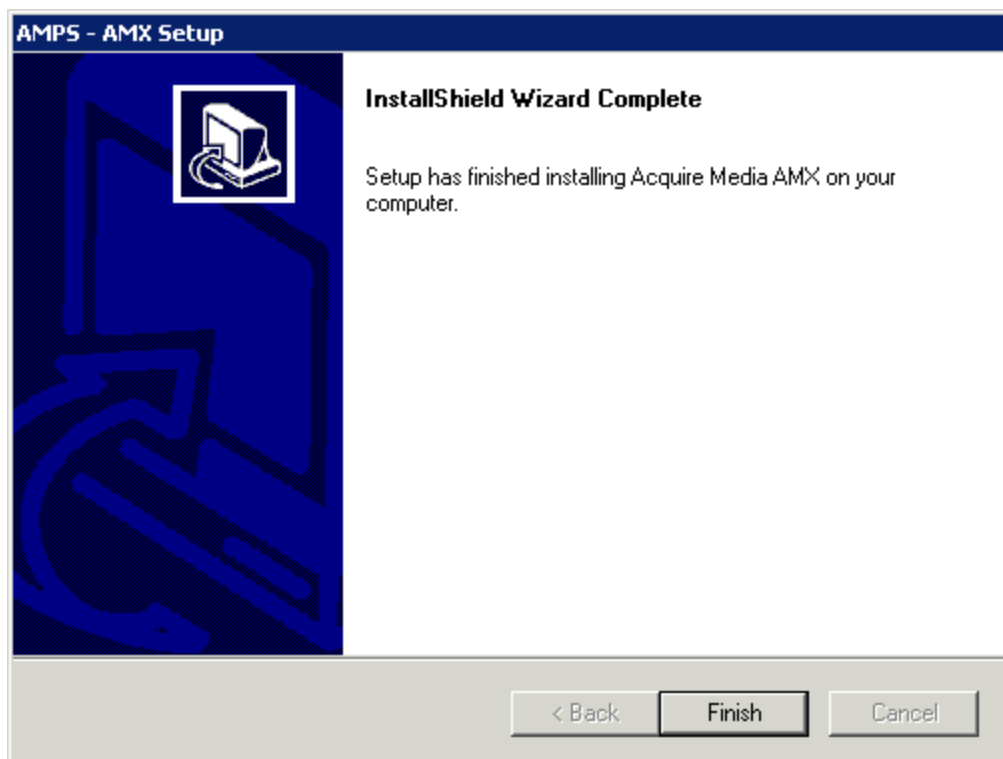




Changes can be made by selecting values from the various list boxes. The communications port list is obtained from the system.

Configure the service and select OK to proceed.

The last dialog confirms the installation of the AMPS software.



You may be asked to restart your system after the installation.

## AMPS Standard Applications

A standard set of applications are installed along with the AMPS Win32 services.

### ***AMPS AMXWatch Application***

The AMPS utility AMXWatch is a tool that provides the ability to examine the incoming news as it arrives at the server. This application keeps a list of up to the last 200 news story files that have arrived and can display the 'raw' text of any of these files.

### ***AMPS AMXVersion Application***

The application AMXVersion is used to view the versions of the various applications and DLL files installed with the AMPS services. You may use this application to help NewsEdge Customer Support diagnose problems with your installation.

### ***AMPS AMXDiag Application***

This application is used to check the connection to the AMPS server and to modify certain connection-related configuration information.

## Appendix A—Problem Diagnosis

1. Use the AMXDiag (AMPS Diagnostic) utility to diagnose AMPS connection issues.

## Appendix B—Installation on Microsoft Windows 2000 and higher

Installation on Microsoft Windows 2000 (and higher) sometimes requires a change to the security on certain AMX registry items.

Please use the following instructions:

1. Stop all the AMX services by using the Services applet.
2. Go to the “Run” menu and type in “regedt32”.
3. Navigate to “HKEY\_LOCAL\_MACHINE\SOFTWARE\Acquire Media Corporation\AMX”.
4. Select the “Security/Permissions” item in the regedt32 menu.
5. Press “Advanced”
6. Select “Reset permissions on all child objects and enable propagation of inheritable permissions”
7. Select “Users”
8. Select View/Edit
9. In the “Permission entry for AMX” dialog, select “Set Value”, “Create Subkey”, and “Delete” in the Allow Column.
10. Click OK on the “Permission Entry for AMX”
11. Click OK on the “Access control settings for AMX”
12. Click OK on the “Permission for AMX”
13. Exit regedt32
14. Restart the AMPS services